

REMARKS

The Examiner has required restriction of the pending claims under 35 U.S.C. §§ 121 and 372 to one of the following four groups:

- I. A bus interface architecture as classified in class 710, subclass 305 (claims 1-19, 31-79);
- II. Storage accessing and control as classified in class 711, subclass 100 (claims 20-25, 80-87);
- III. A read/write circuit as classified in class 365, subclass 189.05 (claims 88-112); and
- IV. Error detection/correction and fault detection/recovery as classified in class 714, subclass 43 (claims 26-30).

Applicants hereby elect without traverse to prosecute the invention of Group IV (claims 26-30), drawn to devices, systems, and methods for multi-mode PAM. Claims 1-25 and 31-123 are canceled without prejudice as being drawn to non-elected inventions. Applicants reserve the right to prosecute the subject matter of the canceled claims in one or more related applications.

Claims 124-182 have been added, and are drawn to various devices and methods for multi-PAM data transmission and reception. Applicants intend to prosecute these claims as part of the invention of Group IV. Applicants respectfully submit that the above mentioned additions and amendments to the claims are consistent with the elected group.

Date: June 5, 2003

Respectfully submitted,



Gary S. Williams
PENNIE & EDMONDS LLP
3300 Hillview Avenue
Palo Alto, California 94304
(650) 493-4935

31,066
(Reg. No.)